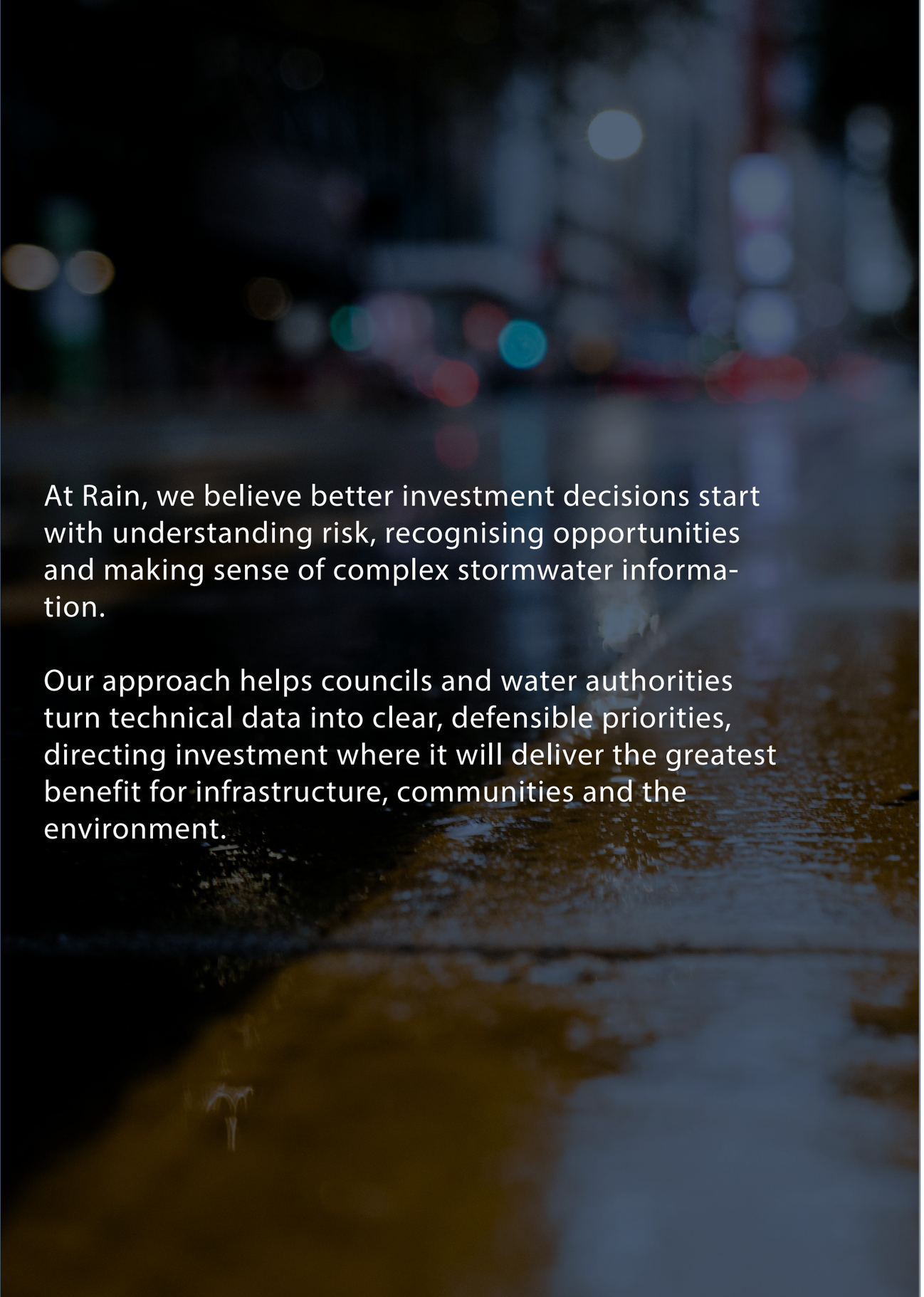


STORMWATER INVESTMENT AND ASSET PRIORITISATION

DEEP THINKING
FOR BETTER
WATER OUTCOMES

RAIN

RAIN CONSULTING



At Rain, we believe better investment decisions start with understanding risk, recognising opportunities and making sense of complex stormwater information.

Our approach helps councils and water authorities turn technical data into clear, defensible priorities, directing investment where it will deliver the greatest benefit for infrastructure, communities and the environment.

OUR COMMITMENTS

We believe better water outcomes are shaped by responsible business practices, respectful relationships and a healthy environment. These commitments guide how we work, who we work with and the impact we strive to make.

CLIMATE ACTIVE CERTIFIED FOR BUSINESS OPERATIONS

Climate Active
NETWORK MEMBER

Rain has achieved Carbon Neutral Organisation Certification from the Australian Government's Climate Active program.

Our certification covers the greenhouse gas emissions from our business operations. We measure, reduce and offset these emissions and are committed to ongoing improvement in our environmental performance.

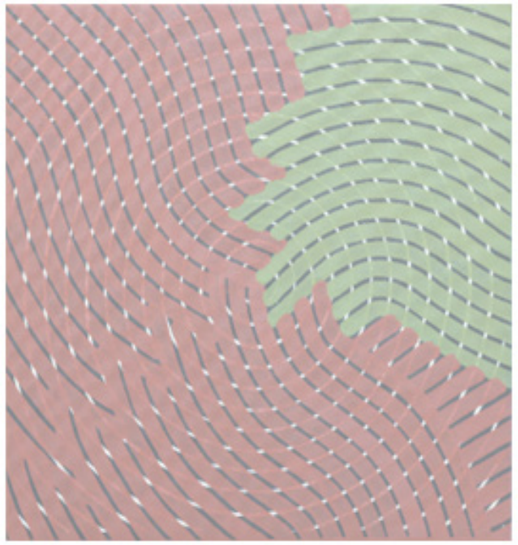
ACKNOWLEDGEMENT OF COUNTRY

Rain Consulting acknowledges the Traditional Custodians of the lands, sea and waters on which we live and work. We recognize their continuing connection to land, water, and community, and we pay our respects to Elders past and present. We acknowledge that sovereignty was never ceded and extend that respect to all Aboriginal and Torres Strait Islander people we work alongside today.

OUR RECONCILIATION ACTION PLAN (RAP)

RECONCILIATION ACTION PLAN
REFLECT

At Rain Consulting, we recognise the importance of reconciliation and are committed to playing an active role in building respectful and meaningful relationships with Aboriginal and Torres Strait Islander peoples. We are developing a Reconciliation Action Plan (RAP) as a framework to help embed reconciliation into our workplace culture, business practices, and community engagement efforts.



GAAGAL

We have worked with indigenous artist Otis Hope Carey (b.1988), a proud Gumbaynggirr / Bundjalung man, to acquire a piece of art that reflects our business and to support our RAP.

> *"The phrase 'GAAGAL', translates to Ocean and is the totemic spiritual emblem of the Gumbaynggirr people. This is reflected in the topographical nature of the painting and its visual relationship to oceanic current charts and movements."*

STORMWATER INVESTMENT AND ASSET PRIORITISATION

TURNING COMPLEX STORMWATER DATA INTO CLEAR, DEFENSIBLE INVESTMENT PRIORITIES

Rain Consulting helps councils and catchment managemen authorities make confident decisions about where limited stormwater funding and resources will deliver the greatest benefit.

We combine flood and stormwater expertise, data-driven analysis and practical decision-making frameworks to prioritise flood mitigation works, drainage maintenance, Water Sensitive Urban Design (WSUD) and Integrated Water Management (IWM) initiatives.

The result is clear, defensible investment priorities aligned with risk, organisational objectives and community outcomes.



WHO WE HELP

LOCAL COUNCILS
Prioritising capital works, maintenance and resilience investment.

CATCHMENT AGENCIES
Targeting funding where it will deliver the greatest catchment benefit.

FLOODPLAIN MANAGEMENT ORGANISATIONS
Using risk and consequence to guide mitigation priorities.

PUBLIC SECTOR ASSET OWNERS AND INFRASTRUCTURE MANAGERS
Making defensible asset, maintenance and investment decisions.

HOW WE CAN HELP



FLOOD RISK PRIORITISATION

We help organisations identify which flood risks should be addressed first and where investment will deliver the greatest benefit.

Using flood modelling, hazard information and local knowledge, we assess threat, consequence and opportunity to establish clear priorities for mitigation works and future capital programs.

The result is a defensible delivery roadmap that supports forward planning, funding applications and targeted flood resilience investment.

DRAINAGE MAINTENANCE PRIORITISATION

We help councils move from reactive or broad-brush drainage maintenance to a targeted, risk-based approach.

By assessing asset criticality, flood risk and service consequences, we identify which assets warrant greater inspection and maintenance effort and where resources can be reduced or redirected.

This helps improve asset performance and preparedness while making better use of maintenance budgets.

WSUD AND IWM PRIORITISATION

We help councils determine where WSUD and IWM investment will deliver the greatest environmental and operational benefit.

Our services include:

- Establishing flow reduction and water quality targets
- Identifying treatment gaps and investment opportunities
- Supporting General Environmental Duty (GED) obligations
- Developing prioritisation frameworks for future projects
- Applying MUSIC modelling and specialist analysis to inform investment decisions

This provides a clear evidence-base for determining what assets are required, where they are needed and which projects should be delivered first.

WHY RAIN?

Rain combines technical water expertise with practical asset management insights to help organisations make confident, evidence-based investment decisions. By translating complex flood and stormwater data into clear priorities, we help clients direct resources where they deliver the greatest value.

TECHNICAL INSIGHT WITH PRACTICAL APPLICATION

We understand both the technical detail behind flood and stormwater modelling and how to translate it into practical investment, maintenance and asset management decisions.

DEFENSIBLE PRIORITISATION METHODS

Our structured methodologies can be tailored to available data, project objectives and organisational maturity. Analytical tools and intuitive dashboards transform complex information into accessible outputs, making it easier to compare options, justify investment and align priorities with corporate strategy.

COLLABORATIVE FACILITATION

We combine technical analysis with interactive workshops and stakeholder engagement, so priorities reflect operational realities, organisational objectives and community expectations. This collaborative approach builds internal understanding and ownership of the final framework.

> “Better data creates clarity. Clear priorities drive action.”



OUTCOMES

Rain helps organisations:

- Direct investment to where it delivers the greatest impact
- Build defensible capital and maintenance priorities
- Improve asset performance and resilience
- Strengthen funding and business-case decisions
- Build internal capability through practical tools and knowledge transfer

MEET US

We're a team of dedicated engineers and scientists with creative approaches to better water outcomes.



RIANDA MILLS

Director and Senior Principal Engineer

FIEAust, Dare2Lead™ Trained, Zenergy Trained

Well-known and respected within the industry, Rianda is a creative, thoughtful and caring engagement specialist with over 20 years of dedication to water engineering and water resources. Rianda is frequently engaged to consult on complex strategic water management projects.

"Combining extensive water engineering know-how with workshop facilitation expertise, I'm passionate about delivering complex projects and workshops, integrated water management and most importantly, climate change adaptation and mitigation outcomes."



LUKE CUNNINGHAM

Director and Senior Principal Engineer

FIEAust, CPENG, Dare2Lead™ Trained

Luke is a water management specialist with over 20-year background in leading complex water management projects and multi-disciplinary teams for the private and public sectors. Highly respected as a leader in his industry, Luke is a Fellow of Engineers Australia.

"I combine extensive engineering experience with a head full of ideas and a creative streak. I'm always dreaming up better ways to help great people do great work. I'm buoyed by seeing our environment improve and people grow."



DANNI BAILEY

Operations Coordinator

Danni is an operations professional with over 20 years of experience supporting leadership teams and managing complex operational processes. She excels at financial management, streamlining workflows and optimising resources. Danni values attention to detail and fosters collaboration across teams to drive positive outcomes.

"I thrive on turning complexity into clarity, whether that is streamlining processes, improving team coordination, or ensuring stakeholder support across Rain's operations."



JESSICA WARD

Principal Engineer

Jessica is a leader in integrated water management and stormwater strategies, bringing over 15 years of experience across the project lifecycle. As a trusted advisor to the public and private sectors, she has delivered complex infrastructure projects alongside tailored precinct-wide strategies. Her goal is to bridge vision and delivery so that sound ideas are actually built.

"I'm driven by the opportunity to shape resilient cities and leave a lasting legacy. It's a privilege to work in the water space, so fundamental to creating healthier, greener places for communities to thrive."



MILAN WICKRAMARACHCHI

Senior Engineer

Milan Wickramarachchi is a Senior Engineer with expertise in stormwater management, drainage design and flood mitigation. He has delivered drainage schemes, stormwater strategies and Water Sensitive Urban Design (WSUD) solutions across public and private sector projects.

Milan uses hydrologic and hydraulic modelling to develop practical, resilient infrastructure that supports communities and manages flood risk.

"I enjoy developing practical water management solutions that make communities safer and more resilient."



AMIN ZARRIN

Project Engineer

Amin has extensive experience in local government and is an authority on greenfield developments. As a Project Engineer, Amin's expertise includes stormwater management strategies and flood impact assessments in existing residential zones for municipalities.

"I am driven to apply intelligent design to achieve sustainable engineering solutions. Working at Rain Consulting is an opportunity to experience effective team collaboration in delivering successful project outcomes."



HOLLY EDMUNDS

Executive Assistant

Holly provides exceptional support to the entire Rain crew. Her meticulous attention to detail and proactive approach make her an invaluable team player and a key point of contact for clients.

"I love anticipating needs before they arise, staying one step ahead, and making sure everything runs seamlessly behind the scenes."



SAMANTHA NIEVES

Scientist & Sustainability Lead

As a dedicated Environmental Scientist, Samantha is passionate about integrated water management as a sustainable solution for the environment. She applies technical software for technical analysis and model building, as well as for the generation of maps and figures for reporting.

"A love for numbers and sustainability caused me to pivot from a bookkeeping career to environmental science. I am excited to work on water projects that make a difference to Australia's future."



EMILY FELSTEAD

Engineer

Emily is gaining experience in a breadth of stormwater management work, including flood impact assessments for urban redevelopment and greenfield stormwater management plans. Emily supports the team in producing high-quality work for government and private development and has a sound background in hydrology and hydraulics.

"I am passionate about sustainable outcomes that meet or exceed project goals while remaining realistic and achievable."

PRIORITISATION IN PRACTICE

CITY OF KINGSTON



CHALLENGE

Council needed a consistent, defensible way to understand flood risk across the municipality and determine where future investigation and investment should be prioritised.

RAIN'S ROLE

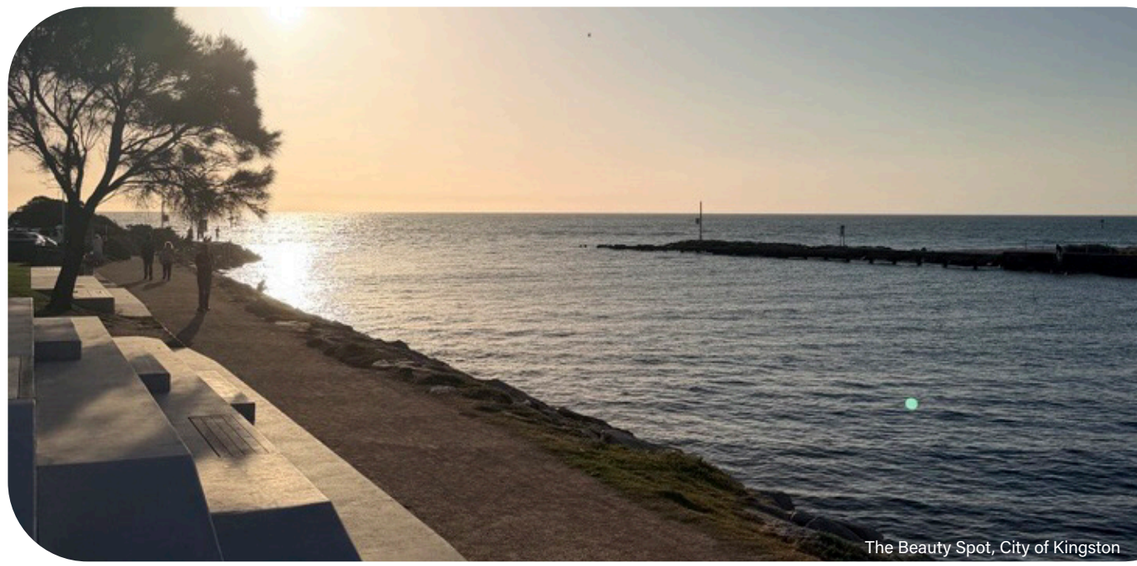
Rain combined flood modelling, spatial and planning information, community vulnerability and flood damage estimates to identify and rank flood hotspots. We developed a Flood Hotspot Register, Subcatchment Performance Assessment, Flood Damage Cost Calculation Tool and decision-support framework to guide future mitigation and investment decisions.

OUTCOME

Council now has a repeatable, municipality-wide framework for comparing flood risk and directing future investigations, mitigation planning and infrastructure investment towards areas of greatest need.

BROADER EXPERIENCE

Rain has delivered similar flood risk and investment prioritisation projects for councils and water authorities, applying practical, evidence-based approaches to support defensible investment decisions.



The Beauty Spot, City of Kingston

AT RAIN, WE EXPLORE EXCEPTIONAL WATER MANAGEMENT APPROACHES AND ADAPTATIONS THAT SUPPORT THE COMMUNITY AND THE ENVIRONMENT. BETWEEN STORM AND STILLNESS, WE CREATE SPACE WHERE BOLD IDEAS TAKE ROOT AND WISER FUTURES GROW. THROUGH CARE, HONESTY, COLLABORATION AND HIGH STANDARDS, WE CREATE A LEADERSHIP RIPPLE EFFECT THAT ACCELERATES MEANINGFUL AND MEASURABLE IMPACT.

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Request a Quote